



2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213

T 202.293.7060  
F 202.293.7860

www.sughrue.com

Darryl Mexic  
T (202) 663-7909  
dmexic@sughrue.com

December 16, 2003

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Re: Application of Nam-hyong KIM  
UWB PULSE SEQUENCE GENERATION APPARATUS AND METHOD,  
AND DATA COMMUNICATION, APPARATUS AND METHOD USING  
THE UWB PULSE SEQUENCE  
**Assignee: SAMSUNG ELECTRONICS CO., LTD.**  
Our Ref. Q78338

Dear Sir:

Attached hereto is the application identified above comprising twenty-eight (28) sheets of the specification, including the claims and abstract, and seven (7) sheets of drawings, a copy of an executed Assignment and PTO 1595 form, and a copy of an executed Declaration and Power of Attorney.

The Government filing fee is calculated as follows:

Total claims	<u>30</u>	-	20	=	<u>10</u>	x	\$18.00	=	<u>\$180.00</u>
Independent claims	<u>10</u>	-	3	=	<u>7</u>	x	\$86.00	=	<u>\$602.00</u>
Base Fee									<u>\$770.00</u>

<b>TOTAL FILING FEE</b>	<b>\$1552.00</b>
Recordation of Assignment	\$40.00
<b>TOTAL FEE</b>	<b><u>\$1592.00</u></b>

Checks for the statutory filing fee of \$1552.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



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Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
REPUBLIC of KOREA	10-2003-0015194	March 11, 2003

The priority document is enclosed herewith.

Respectfully submitted,  
SUGHRUE MION, PLLC

Attorneys for Applicant

B. Darryl Mexic

Darryl Mexic  
Registration No. 23,063

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

DM/lck